

Anne Arundel County HIV/AIDS Epidemiological Profile

Fourth Quarter 2008

Data reported through December 31, 2008



Center for HIV Surveillance and Epidemiology
Infectious Disease and Environmental Health Administration
Maryland Department of Health and Mental Hygiene
<http://eh.dhmmh.md.gov/ideah/default.aspx>
1-800-358-9001



HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 became law on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located using DHMH Form 1140.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department using DHMH Form 1140.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located using DHMH Form 1140.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (HIV antibody tests, CD4 immunological tests, HIV viral load tests, HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the State Health Department, using DHMH Form 4492.

For assistance with HIV reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance and Epidemiology at the Maryland Department of Health and Mental Hygiene (410-767-5061).

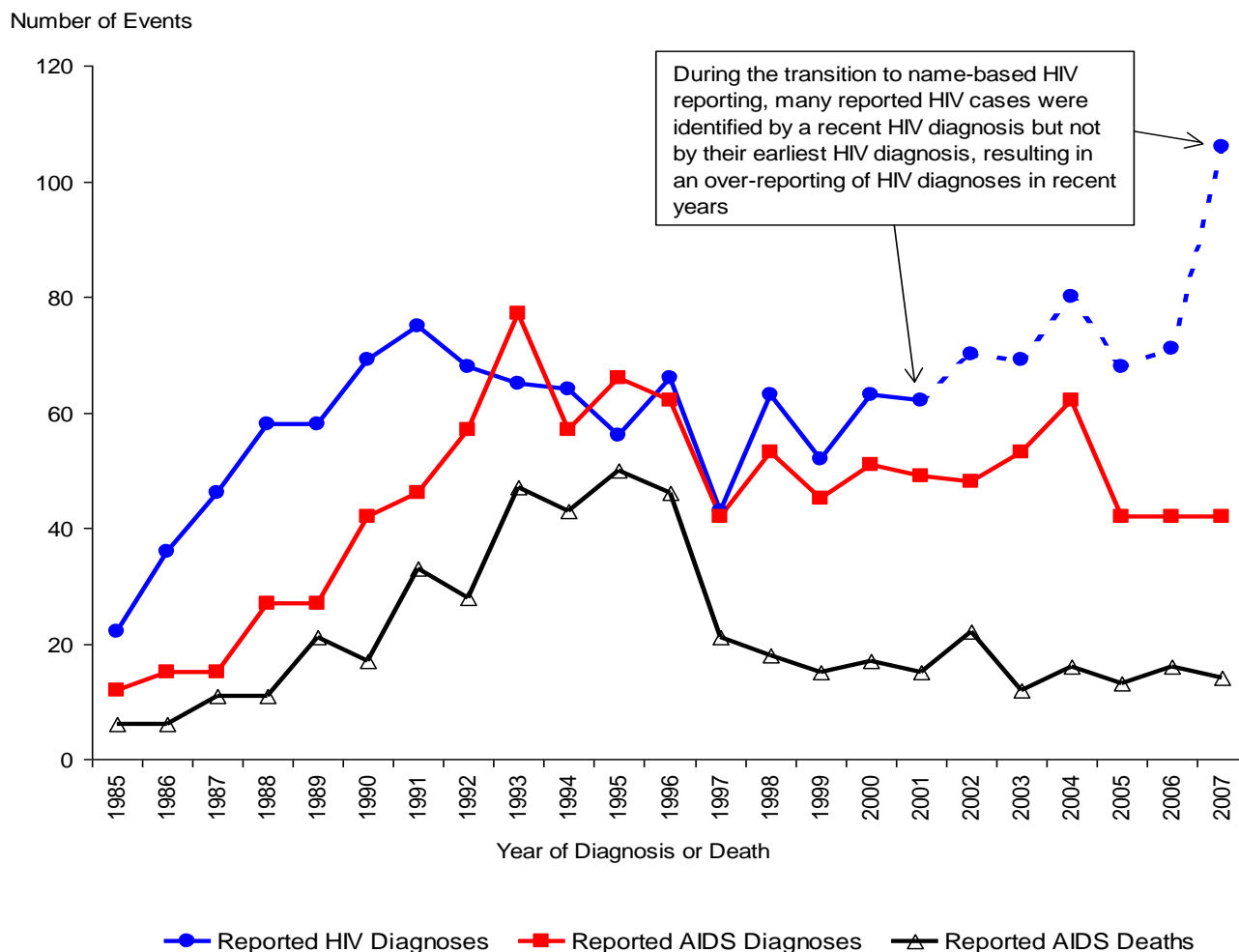
Changes in the HIV/AIDS Epidemiological Profile

Despite a massive effort during which over 17,000 HIV cases were reported from April 24, 2007 through December 31, 2008, not all HIV cases previously reported by the code-based identifier were located and re-reported by name, so the number of living HIV cases is lower than previously reported. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an over-reporting of HIV diagnoses in recent years.

This epidemiological profile has been expanded and modified from prior profiles, and only contains HIV and AIDS data as reported by name. There is greater use of rates and population ratios and more exposure category data. The terminology has been changed to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence.

Section I – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2007

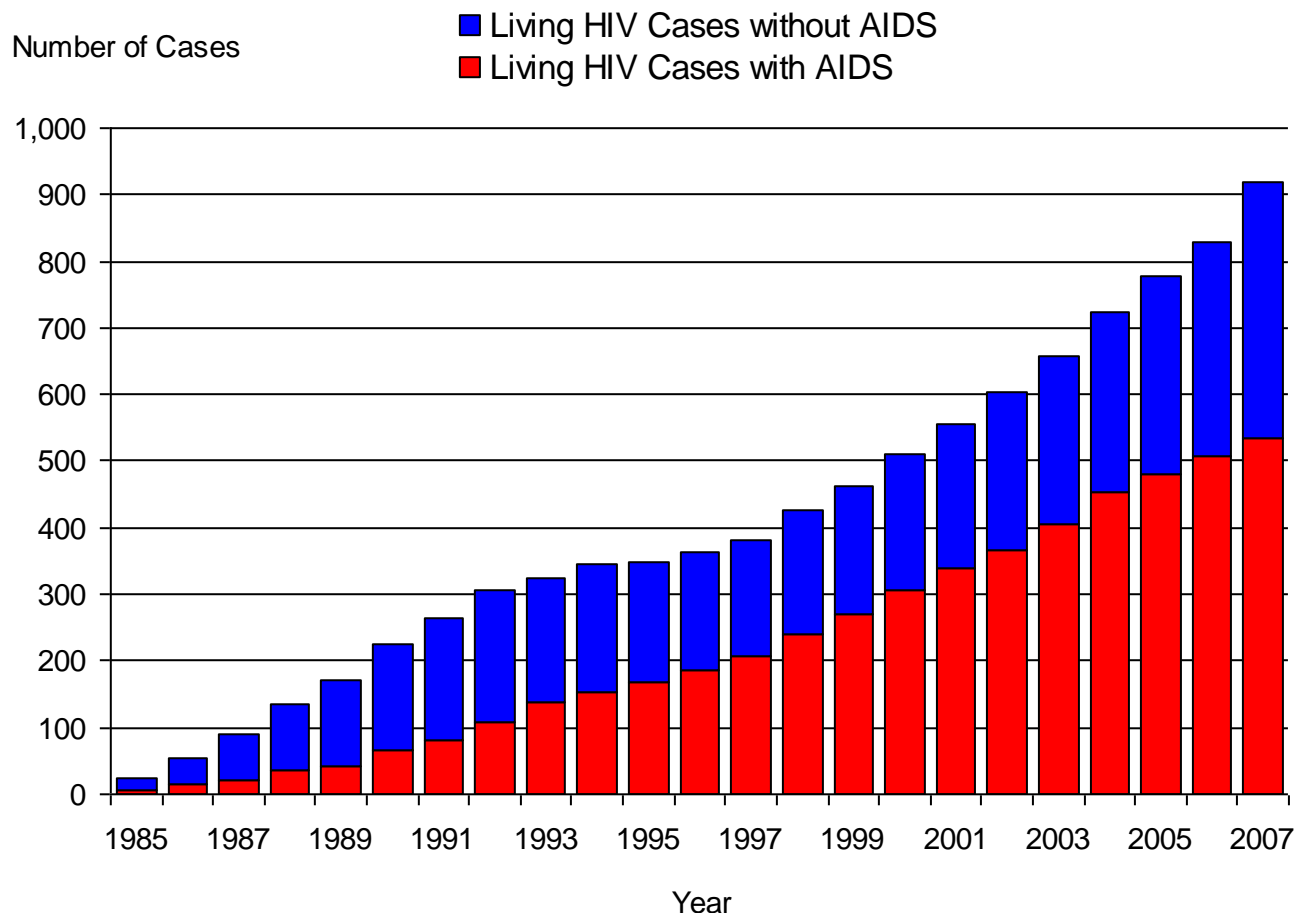
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2007 as Reported by Name through 12/31/08.



YEAR	Reported			YEAR	Reported			YEAR	Reported		
	HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death
1985	22	12	6	1993	65	77	47	2001	62	49	15
1986	36	15	6	1994	64	57	43	2002	70	48	22
1987	46	15	11	1995	56	66	50	2003	69	53	12
1988	58	27	11	1996	66	62	46	2004	80	62	16
1989	58	27	21	1997	43	42	21	2005	68	42	13
1990	69	42	17	1998	63	53	18	2006	71	42	16
1991	75	46	33	1999	52	45	15	2007	106	42	14
1992	68	57	28	2000	63	51	17				

Section II – Trends in Living HIV and AIDS Cases, 1985-2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year from 1985 through 2007 as Reported by Name through 12/31/08

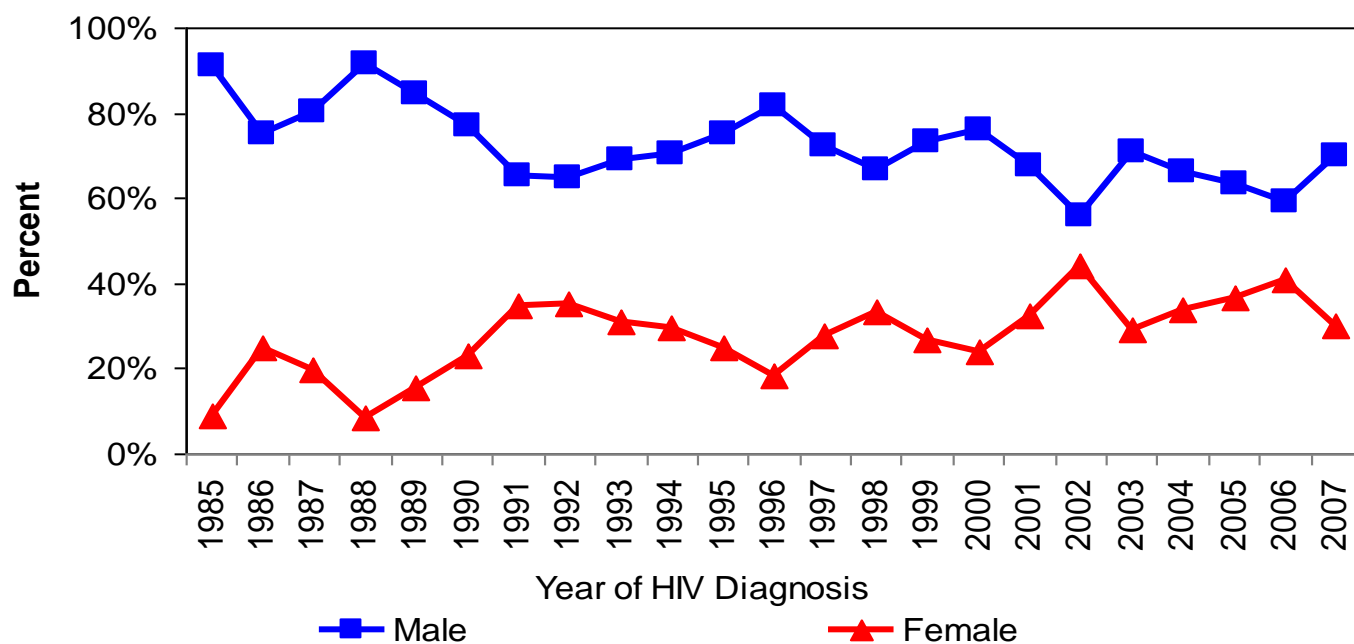


YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*	YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*
1985	17	7	24	1997	176	206	382
1986	38	16	54	1998	185	241	426
1987	69	20	89	1999	192	271	463
1988	100	36	136	2000	205	305	510
1989	130	42	172	2001	216	339	555
1990	157	67	224	2002	238	365	603
1991	184	80	264	2003	253	406	659
1992	196	109	305	2004	272	452	724
1993	184	139	323	2005	298	481	779
1994	192	153	345	2006	311	507	818
1995	180	169	349	2007	384	535	919
1996	178	185	363				

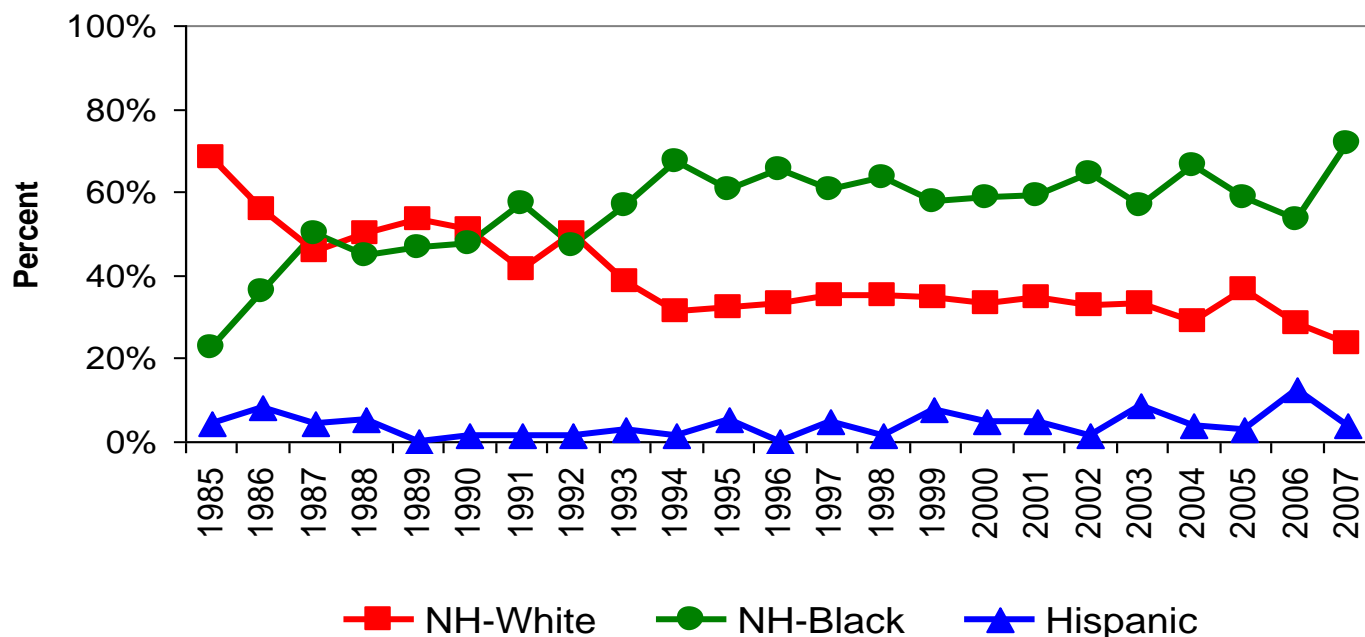
* During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

Section III – Trends in Reported HIV Diagnoses by Demographics and Exposure Category, 1985-2007

Proportions by Gender of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08

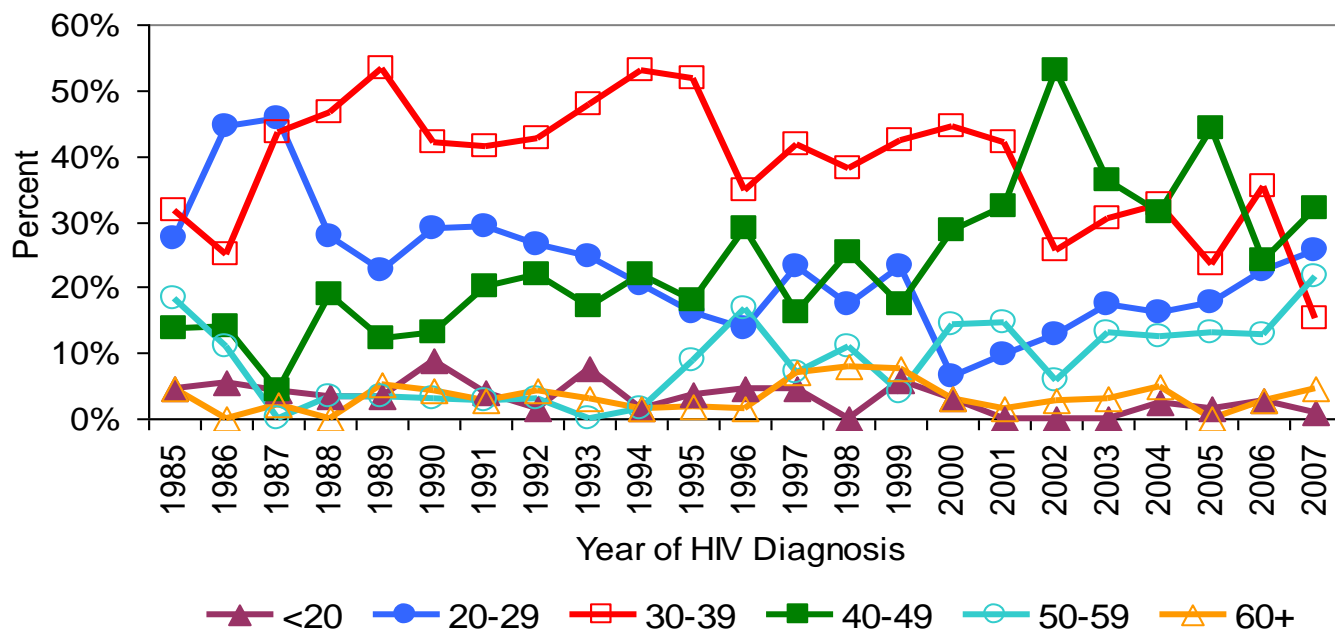


Proportions by Race/Ethnicity* of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08

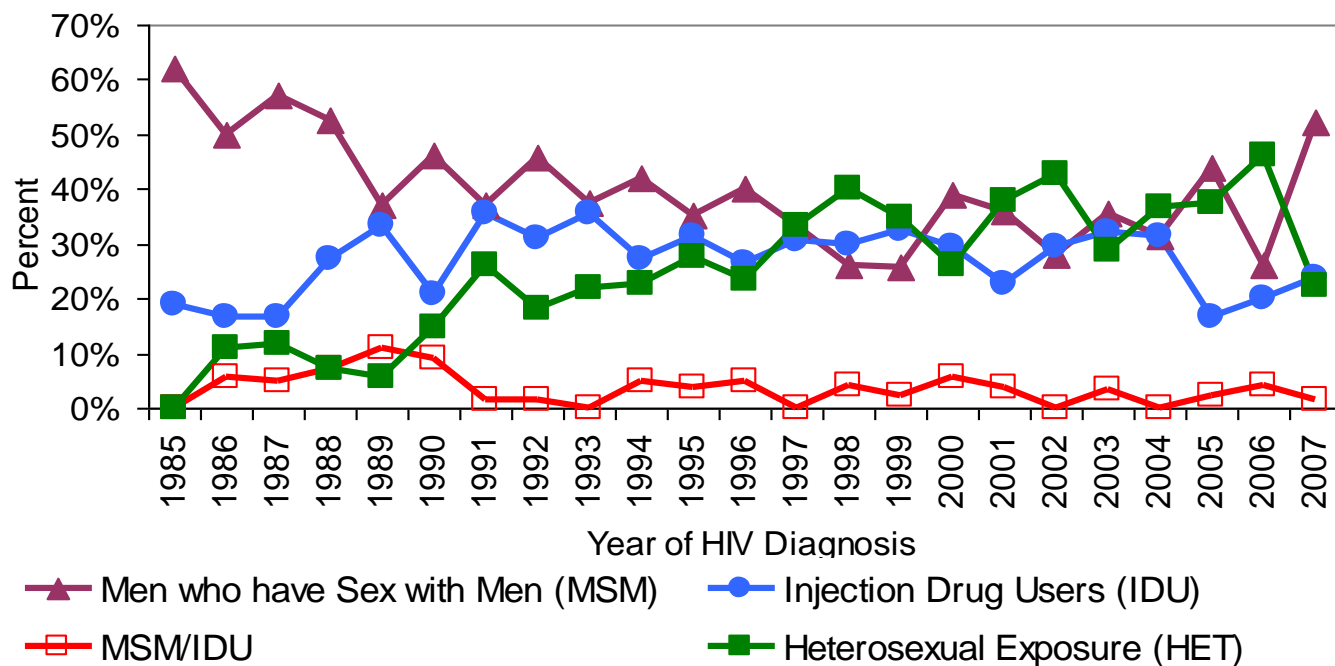


* Cases with missing race/ethnicity were excluded from percent distributions. Other race category not shown.

Proportions by Age at Diagnosis of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08



Proportions by Exposure Category* of Reported HIV Cases with or without an AIDS Diagnosis and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08



* Cases with no reported exposure category were excluded from percent distributions. Other exposure category not shown.

Section IV – HIV and AIDS Case Diagnoses by ZIP Code, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

ZIP CODE	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
20701	12	0	0.0%	0.0	0	0.0%	0.0
20711	6,323	2	1.9%	31.6	1	2.5%	15.8
20714	444	0	0.0%	0.0	0	0.0%	0.0
20724	13,587	4	3.9%	29.4	1	2.5%	7.4
20733	2,930	0	0.0%	0.0	0	0.0%	0.0
20751	2,332	0	0.0%	0.0	0	0.0%	0.0
20754	1,236	0	0.0%	0.0	0	0.0%	0.0
20755	10,325	2	1.9%	19.4	2	5.0%	19.4
20758	831	0	0.0%	0.0	0	0.0%	0.0
20764	4,088	0	0.0%	0.0	0	0.0%	0.0
20765	379	0	0.0%	0.0	0	0.0%	0.0
20776	3,566	0	0.0%	0.0	0	0.0%	0.0
20778	1,872	0	0.0%	0.0	0	0.0%	0.0
20779	1,143	1	1.0%	87.5	1	2.5%	87.5
20794	8,544	1	1.0%	11.7	0	0.0%	0.0
21012	21,895	3	2.9%	13.7	0	0.0%	0.0
21032	8,304	1	1.0%	12.0	0	0.0%	0.0
21035	7,683	0	0.0%	0.0	0	0.0%	0.0
21037	17,003	2	1.9%	11.8	1	2.5%	5.9
21054	7,464	0	0.0%	0.0	0	0.0%	0.0
21056	323	0	0.0%	0.0	0	0.0%	0.0
21060	28,329	7	6.8%	24.7	3	7.5%	10.6
21061	52,141	19	18.4%	36.4	4	10.0%	7.7
21076	6,349	1	1.0%	15.7	0	0.0%	0.0
21077	298	1	1.0%	335.3	0	0.0%	0.0
21090	10,136	1	1.0%	9.9	1	2.5%	9.9
21108	18,494	4	3.9%	21.6	5	12.5%	27.0
21113	21,878	4	3.9%	18.3	0	0.0%	0.0
21114	25,694	1	1.0%	3.9	0	0.0%	0.0
21122	59,983	6	5.8%	10.0	3	7.5%	5.0
21140	3,562	0	0.0%	0.0	0	0.0%	0.0
21144	29,776	9	8.7%	30.2	5	12.5%	16.8
21146	25,955	2	1.9%	7.7	2	5.0%	7.7
21225	14,145	6	5.8%	42.4	3	7.5%	21.2
21226	3,743	1	1.0%	26.7	0	0.0%	0.0
21401	52,760	12	11.7%	22.7	4	10.0%	7.6
21402	5,502	0	0.0%	0.0	0	0.0%	0.0
21403	30,868	13	12.6%	42.1	4	10.0%	13.0
21405	610	0	0.0%	0.0	0	0.0%	0.0
Missing ^d		3			2		
ANNE ARUNDEL TOTAL	510,507	106	100.0%	20.8	42	100%	8.2

a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2007 Census Population Estimates by county

b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

c Rate is number of cases per 100,000 population

d Cases with missing jurisdiction were excluded from percent distributions

Section V – Living HIV and AIDS Cases by ZIP Code, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

ZIP CODE	Population ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
20701	12	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20711	6,323	5	1.3%	79.1	7	1.3%	110.7	12	1.3%	189.8	526
20714	444	1	0.3%	225.2	0	0.0%	0.0	1	0.1%	225.2	444
20724	13,587	7	1.9%	51.5	20	3.8%	147.2	27	3.0%	198.7	503
20733	2,930	1	0.3%	34.1	1	0.2%	34.1	2	0.2%	68.3	1,465
20751	2,332	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20754	1,236	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20755	10,325	5	1.3%	48.4	5	0.9%	48.4	10	1.1%	96.9	1,032
20758	831	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20764	4,088	0	0.0%	0.0	4	0.8%	97.8	4	0.4%	97.8	1,022
20765	379	0	0.0%	0.0	1	0.2%	264.2	1	0.1%	264.2	378
20776	3,566	0	0.0%	0.0	1	0.2%	28.0	1	0.1%	28.0	3,565
20778	1,872	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20779	1,143	0	0.0%	0.0	1	0.2%	87.5	1	0.1%	87.5	1,142
20794	8,544	6	1.6%	70.2	4	0.8%	46.8	10	1.1%	117.0	854
21012	21,895	13	3.4%	59.4	8	1.5%	36.5	21	2.3%	95.9	1,042
21032	8,304	12	3.2%	144.5	11	2.1%	132.5	23	2.5%	277.0	361
21035	7,683	1	0.3%	13.0	0	0.0%	0.0	1	0.1%	13.0	7,682
21037	17,003	8	2.1%	47.0	11	2.1%	64.7	19	2.1%	111.7	894
21054	7,464	2	0.5%	26.8	7	1.3%	93.8	9	1.0%	120.6	829
21056	323	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21060	28,329	23	6.1%	81.2	34	6.4%	120.0	57	6.3%	201.2	497
21061	52,141	64	17.0%	122.7	81	15.3%	155.3	145	16.0%	278.1	359
21076	6,349	5	1.3%	78.7	5	0.9%	78.7	10	1.1%	157.5	634
21077	298	1	0.3%	335.3	1	0.2%	335.3	2	0.2%	670.7	149
21090	10,136	8	2.1%	78.9	5	0.9%	49.3	13	1.4%	128.3	779
21108	18,494	12	3.2%	64.9	13	2.5%	70.3	25	2.8%	135.2	739
21113	21,878	12	3.2%	54.9	22	4.2%	100.6	34	3.8%	155.4	643
21114	25,694	13	3.4%	50.6	8	1.5%	31.1	21	2.3%	81.7	1,223
21122	59,983	28	7.4%	46.7	45	8.5%	75.0	73	8.1%	121.7	821
21140	3,562	0	0.0%	0.0	1	0.2%	28.1	1	0.1%	28.1	3,562
21144	29,776	32	8.5%	107.5	47	8.9%	157.8	79	8.7%	265.3	376
21146	25,955	10	2.7%	38.5	14	2.6%	53.9	24	2.6%	92.5	1,081
21225	14,145	22	5.8%	155.5	30	5.7%	212.1	52	5.7%	367.6	272
21226	3,743	1	0.3%	26.7	0	0.0%	0.0	1	0.1%	26.7	3,742
21401	52,760	55	14.6%	104.2	85	16.1%	161.1	140	15.5%	265.4	376
21402	5,502	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21403	30,868	30	8.0%	97.2	57	10.8%	184.7	87	9.6%	281.8	354
21405	610	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
Missing ^e		7			6			13			
ANNE ARUNDEL TOTAL	510,507	384	100%	75.2	535	100%	104.8	919	100%	180.0	555

a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2007 Census Population Estimates by county

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 555 people in Anne Arundel County)

e Cases with missing jurisdiction were excluded from percent distributions

Section VI – HIV and AIDS Case Diagnoses by Demographics, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

GENDER	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
Male	253,222	74	69.8%	29.2	29	69.0%	11.5
Female	257,285	32	30.2%	12.4	13	31.0%	5.1
GENDER TOTAL	510,507	106	100.0%	20.8	42	100.0%	8.2

RACE/ETHNICITY	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
Non-Hispanic White	387,512	25	23.6%	6.5	11	26.2%	2.8
Non-Hispanic Black	76,113	76	71.7%	99.9	28	66.7%	36.8
Hispanic	21,588	4	3.8%	18.5	3	7.1%	13.9
Other	25,294	1	0.9%	4.0	0		0.0
Missing ^d		0					
RACE/ETHNICITY TOTAL	510,507	106	100.0%	20.8	42	100.0%	8.2

AGE AT DIAGNOSIS	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	No.	Rate ^c
<5 (Pediatric)	33,896	0	0.0%	0.0	0	0.0%	0.0
5-12 (Pediatric)	53,956	0	0.0%	0.0	0	0.0%	0.0
13-19	49,534	1	0.9%	2.0	0	0.6%	1.2
20-29	65,291	27	25.5%	41.4	3	15.6%	22.8
30-39	69,638	16	15.1%	23.0	8	37.0%	45.4
40-49	84,950	34	32.1%	40.0	19	25.3%	25.0
50-59	69,514	23	21.7%	33.1	11	16.2%	18.0
60+	83,728	5	4.7%	6.0	1	5.2%	4.9
AGE TOTAL	510,507	106	100.0%	20.8	42	100.0%	8.2

a Population is from the July 1, 2007 Census Population Estimates

b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

c Rate is number of cases per 100,000 population

d Cases with missing race/ethnicity were excluded from percent distributions

Section VII – Living HIV and AIDS Cases by Demographics, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

GENDER	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
Male	253,222	247	64.3%	97.5	361	67.5%	142.6	608	37.0%	240.1	416
Female	257,285	137	35.7%	53.2	174	32.5%	67.6	311	33.8%	120.9	827
GENDER TOTAL	510,507	384	100.0%	75.2	535	100.0%	104.8	919	100.0%	180.0	555

RACE/ ETHNICITY	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
Non-Hispanic White	387,512	140	36.5%	36.1	166	31.0%	42.8	306	42.3%	79.0	1,266
Non-Hispanic Black	76,113	224	58.3%	294.3	333	62.2%	437.5	557	63.1%	731.8	136
Hispanic	21,588	12	3.1%	55.6	33	6.2%	152.9	45	4.9%	208.4	479
Other	25,294	8	2.1%	31.6	3	0.6%	11.9	11	1.2%	43.5	2,299
Missing ^e								0			
RACE/ ETHNICITY TOTAL	510,507	384	100.0%	75.2	535	100.0%	104.8	919	100.0%	180.0	555

AGE ON 12/31/07	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
<5 (Pediatric)	33,896	0	0.0%	0.0	1	0.2%	3.0	1	0.0%	3.0	33,896
5-12 (Pediatric)	53,956	1	0.3%	1.9	3	0.6%	5.6	4	0.1%	7.4	13,489
13-19	49,534	7	1.8%	14.1	3	0.6%	6.1	10	0.4%	20.2	4,953
20-29	65,291	60	15.6%	91.9	22	4.1%	33.7	82	3.2%	125.6	796
30-39	69,638	77	20.1%	110.6	93	17.4%	133.5	170	8.4%	244.1	409
40-49	84,950	152	39.6%	178.9	243	45.4%	286.1	395	28.1%	465.0	215
50-59	69,514	68	17.7%	97.8	132	24.7%	189.9	200	19.4%	287.7	347
60+	83,728	19	4.9%	22.7	38	7.1%	45.4	57	6.2%	68.1	1,468
AGE TOTAL	510,507	384	100.0%	75.2	535	100.0%	104.8	919	100.0%	180.0	555

a Population is from the July 1, 2007 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 555 people in Anne Arundel County)

e Cases with missing race/ethnicity were excluded from percent distributions

Section VIII – Total Living HIV Cases by Expanded Demographics, Alive on 12/31/2007

Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

MALES						
AGE ON 12/31/07		RACE/ETHNICITY				TOTAL MALES BY AGE ^a
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population ^b	31,474	7,222	3,163	3,094	44,953
	Cases ^c	2	1	0	0	3
	Rate ^d	6.4	13.8	0.0	0.0	6.7
	Ratio (1 in X) ^e	15,737	7,222	---	---	14,984
13-19	Population ^b	18,791	4,424	1,191	1,270	25,676
	Cases ^c	0	2	0	0	2
	Rate ^d	0.0	45.2	0.0	0.0	7.8
	Ratio (1 in X) ^e	---	2,212	---	---	12,838
20-29	Population ^b	24,135	5,872	2,310	1,834	34,151
	Cases ^c	18	32	3	1	54
	Rate ^d	74.6	545.0	129.9	54.5	158.1
	Ratio (1 in X) ^e	1,340	183	770	1,834	632
30-39	Population ^b	24,059	6,251	2,298	2,099	34,707
	Cases ^c	35	40	16	3	94
	Rate ^d	145.5	639.9	696.3	142.9	270.8
	Ratio (1 in X) ^e	687	156	143	699	369
40-49	Population ^b	32,588	6,189	1,449	1,659	41,885
	Cases ^c	114	142	7	1	264
	Rate ^d	349.8	2,294.4	483.1	60.3	630.3
	Ratio (1 in X) ^e	285	43	207	1,659	158
50-59	Population ^b	28,042	3,928	682	1,166	33,818
	Cases ^c	49	90	5	1	145
	Rate ^d	174.7	2,291.2	733.1	85.8	428.8
	Ratio (1 in X) ^e	572	43	136	1,166	233
60+	Population ^b	32,924	3,535	437	1,136	38,032
	Cases ^c	21	24	1	0	46
	Rate ^d	92.2	868.9	238.7	0.0	121.0
	Ratio (1 in X) ^e	1,084	115	418	---	826
TOTAL MALES BY RACE/ ETHNICITY	Population ^b	192,013	37,421	11,530	12,258	253,222
	Cases ^c	239	331	32	6	608
	Rate ^d	124.5	884.5	277.5	48.9	240.1
	Ratio (1 in X) ^e	803	113	360	2,043	416

a Includes missing race/ethnicity

b Population is from the July 1, 2007 Census Population Estimates

c During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

d Rate is number of cases per 100,000 population

e Ratio is number of people per case (there was 1 case for every 416 males in Anne Arundel County)

Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

FEMALES						
AGE ON 12/31/07		RACE/ETHNICITY				TOTAL FEMALES BY AGE ^a
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population ^b	29,911	6,988	3,055	2,945	42,899
	Cases ^c	1	1	0	0	2
	Rate ^d	3.3	14.3	0.0	0.0	4.7
	Ratio (1 in X) ^e	29,911	6,988	---	---	21,449
13-19	Population ^b	17,427	4,223	989	1,219	23,858
	Cases ^c	1	6	0	1	8
	Rate ^d	5.7	142.1	0.0	82.0	33.5
	Ratio (1 in X) ^e	17,427	703	---	1,219	2,982
20-29	Population ^b	22,139	5,602	1,656	1,743	31,140
	Cases ^c	4	21	2	1	28
	Rate ^d	63.6	922.5	128.4	12.4	89.9
	Ratio (1 in X) ^e	1,572	108	779	1,743	1,112
30-39	Population ^b	24,940	6,020	1,812	2,159	34,931
	Cases ^c	14	56	6	0	76
	Rate ^d	56.1	930.2	331.1	0.0	217.6
	Ratio (1 in X) ^e	1,781	107	302	---	459
40-49	Population ^b	33,226	6,660	1,251	1,928	43,065
	Cases ^c	33	91	4	3	131
	Rate ^d	99.3	1,366.4	319.7	155.6	304.2
	Ratio (1 in X) ^e	1,006	73	312	642	328
50-59	Population ^b	29,087	4,339	702	1,568	35,696
	Cases ^c	12	42	1	0	55
	Rate ^d	41.3	968.0	142.5	0.0	154.1
	Ratio (1 in X) ^e	2,423	103	702	---	649
60+	Population ^b	38,769	4,860	593	1,474	45,696
	Cases ^c	2	9	0	0	11
	Rate ^d	5.2	185.2	0.0	0.0	24.1
	Ratio (1 in X) ^e	19,384	540	---	---	4,154
TOTAL FEMALES BY RACE/ ETHNICITY	Population ^b	195,499	38,692	10,058	13,036	257,285
	Cases ^c	67	226	13	5	311
	Rate ^d	34.3	584.1	129.3	38.4	120.9
	Ratio (1 in X) ^e	2,917	171	773	2,607	827

a Includes missing race/ethnicity

b Population is from the July 1, 2007 Census Population Estimates

c During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

d Rate is number of cases per 100,000 population

e Ratio is number of people per case (there was 1 case for every 827 females in Anne Arundel County)

Section IX – HIV and AIDS Case Diagnoses by Exposure Category, Age, and Gender, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	33	52.4%	10	35.7%
Injection Drug Users (IDU)	15	23.8%	11	39.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	1	1.6%	1	3.6%
Heterosexual Exposure (HET)	14	22.2%	6	21.4%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure ^b	43		14	
TOTAL	106	100.0%	42	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) MALES EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	33	71.7%	10	50.0%
Injection Drug Users (IDU)	6	13.0%	5	25.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	1	2.2%	1	5.0%
Heterosexual Exposure (HET)	6	13.0%	4	20.0%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure ^b	28		9	
TOTAL ADULT/ADOLESCENT MALES	74	100.0%	29	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) FEMALES EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Injection Drug Users (IDU)	9	52.9%	6	75.0%
Heterosexual Exposure (HET)	8	47.1%	2	25.0%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure ^b	15		5	
TOTAL ADULT/ADOLESCENT FEMALES	32	100.0%	13	100.0%

a During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

b Cases with no reported exposure category were excluded from percent distributions

Section X – Living HIV and AIDS Cases by Exposure Category, Age, and Gender, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases ^a	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	114	36.9%	162	34.2%	276	18.1%
Injection Drug Users (IDU)	58	8.1%	121	25.6%	179	11.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	8	1.0%	16	3.4%	24	1.6%
Heterosexual Exposure (HET)	87	52.1%	158	33.4%	245	31.9%
Other Exposures	6	1.8%	16	3.4%	22	2.9%
No Reported Exposure ^b	111		62		173	
TOTAL	384	100.0%	535	100.0%	919	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) MALES EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases ^a	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	114	61.6%	162	53.4%	276	33.6%
Injection Drug Users (IDU)	35	18.9%	78	12.2%	113	14.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	8	4.3%	16	4.8%	24	3.1%
Heterosexual Exposure (HET)	26	14.1%	58	28.0%	84	16.3%
Other Exposures	2	1.1%	3	1.6%	5	1.0%
No Reported Exposure ^b	61		42		103	
TOTAL ADULT/ADOLESCENT MALES	246	100.0%	359	100.0%	605	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) FEMALES EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases ^a	
	No.	%	No.	%	No.	%
Injection Drug Users (IDU)	23	26.1%	43	28.3%	66	9.5%
Heterosexual Exposure (HET)	61	69.3%	100	65.8%	161	65.4%
Other Exposures	4	4.5%	9	5.9%	13	5.4%
No Reported Exposure ^b	49		20		69	
TOTAL ADULT/ADOLESCENT FEMALES	137	100.0%	172	100.0%	309	100.0%

- a During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported
- b Cases with no reported exposure category were excluded from percent distributions